

2011 Military Health System Conference

Medical Response to Haiti Earthquake

Operation Unified Response

The Quadruple Aim: Working Together, Achieving Success

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Agenda

Operation UNIFIED RESPONSE

- Background Info
- Mission
- Phases of Support
- Deployment Timeline
- Medical Missions
- International Response
- Lessons Learned





Background Info

Operation UNIFIED RESPONSE

- **Population: 9,035,536 (approximately 2 million in and around Port-Au-Prince)**
- **NGOs on the ground for many years, ~3000 in country**

Unemployment rate: 65-70%

- **80% population living under poverty line**
- **54% in abject poverty**

- **Military: Only small Coast Guard (no other forces)**

UNCLASSIFIED



Scope of Disaster

Operation UNIFIED RESPONSE

- **A Magnitude 7.0 earthquake struck Haiti at 4:53 pm, Tues, Jan 12, 2010**
 - **230,000 Deaths***
 - **197,000 Injured**
 - **1.1M Displaced People**
 - **3,000,000 Affected People**
 - **60% of government infrastructure destroyed**
 - **14 of 16 Ministry Headquarters destroyed**



UNCLASSIFIED



Mission Overview

Operation UNIFIED RESPONSE

Mission: JTF-H conducts humanitarian assistance/ disaster relief (HA/DR) operations to support USG efforts in Haiti to mitigate near-term human suffering and accelerate relief efforts to facilitate transition to Government of Haiti, United Nations, and USAID.



Phase I – Emergency Response

Operation UNIFIED RESPONSE

- Immediate Life Saving
 - Search and Rescue
 - Care for AMCITS
 - Hospital Assessments
 - Medical CONOPS
 - RSO&I of Medical Personnel
 - Medevacs





Phase II – Relief

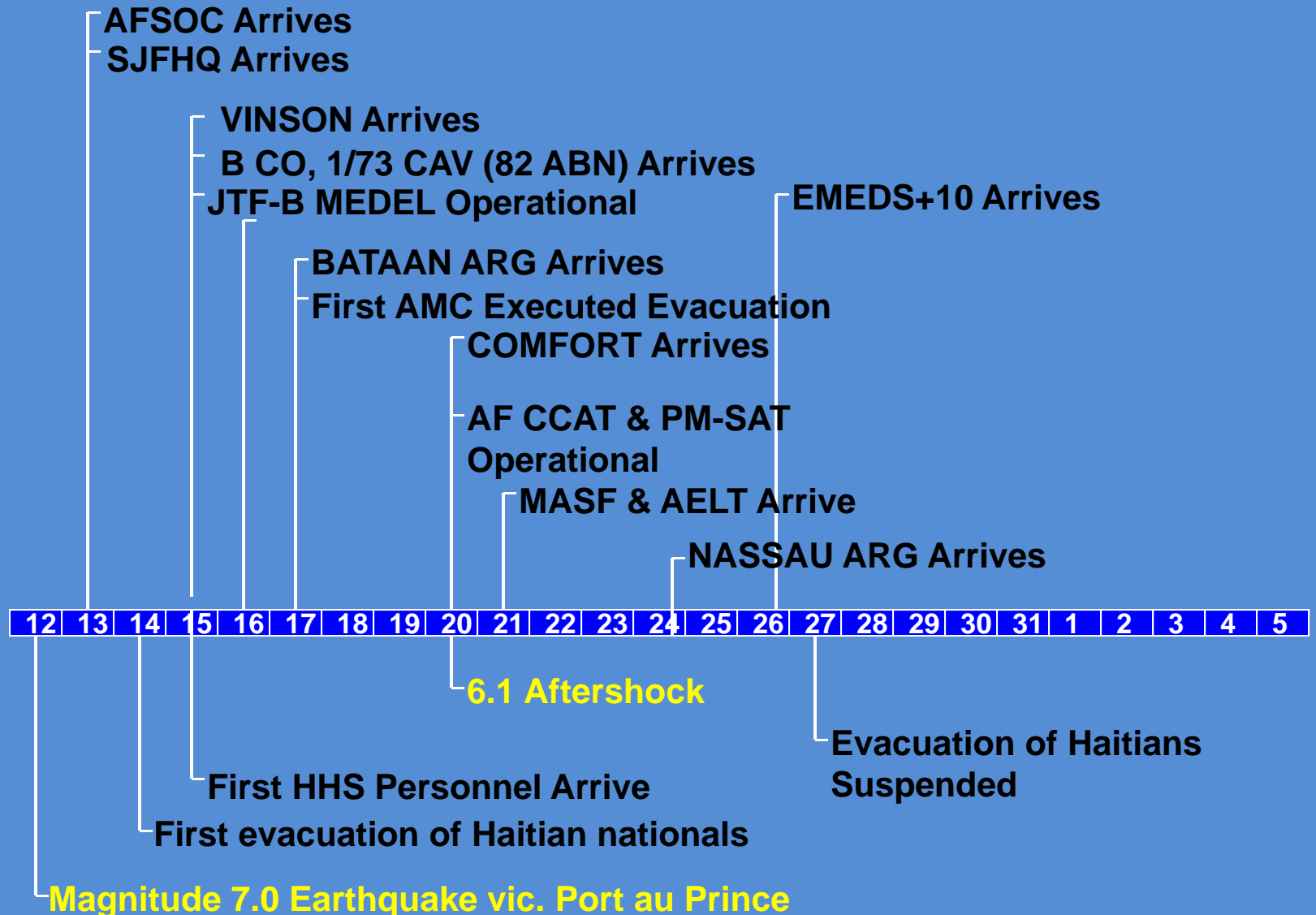
Operation UNIFIED RESPONSE

- Mitigate Suffering and Meet Basic Needs
 - Specialized surgical care
 - Med Log and blood support
 - Patient transfers off ship
 - Medevacs
 - Troop FHP





Deployment Timeline (January)





Deployment Timeline (February)

Decision Made NOT to Employ EMF-150
AE Review Board Established

USS VINSON Departs
153rd Blood Support Det Arrives
43rd Veterinary Det Arrives

56th MMB Arrives

COMFORT Surg
Augments
Redeploy

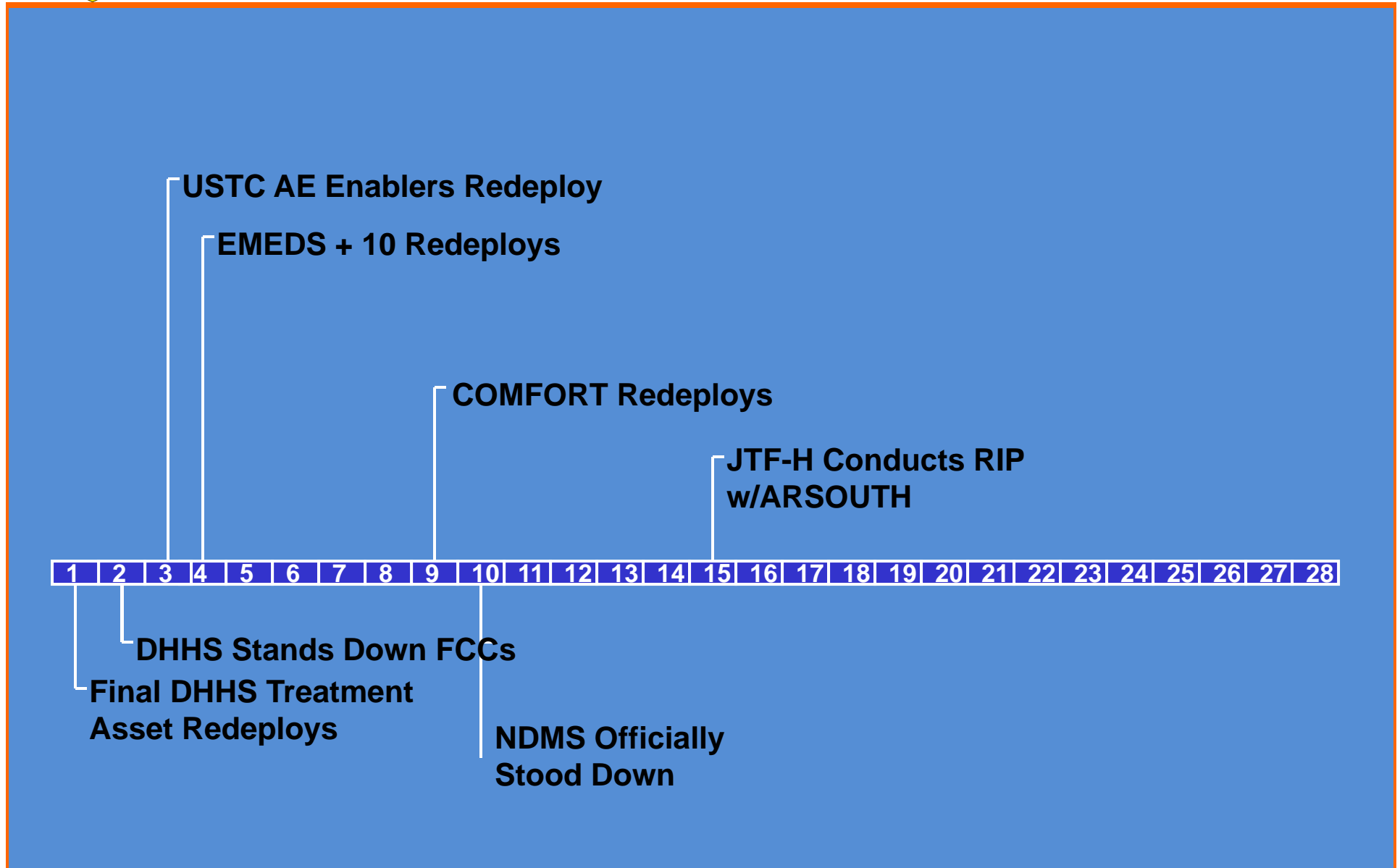
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Definitive Care Components of NDMS Activated
Evacuation of Haitians Resumes

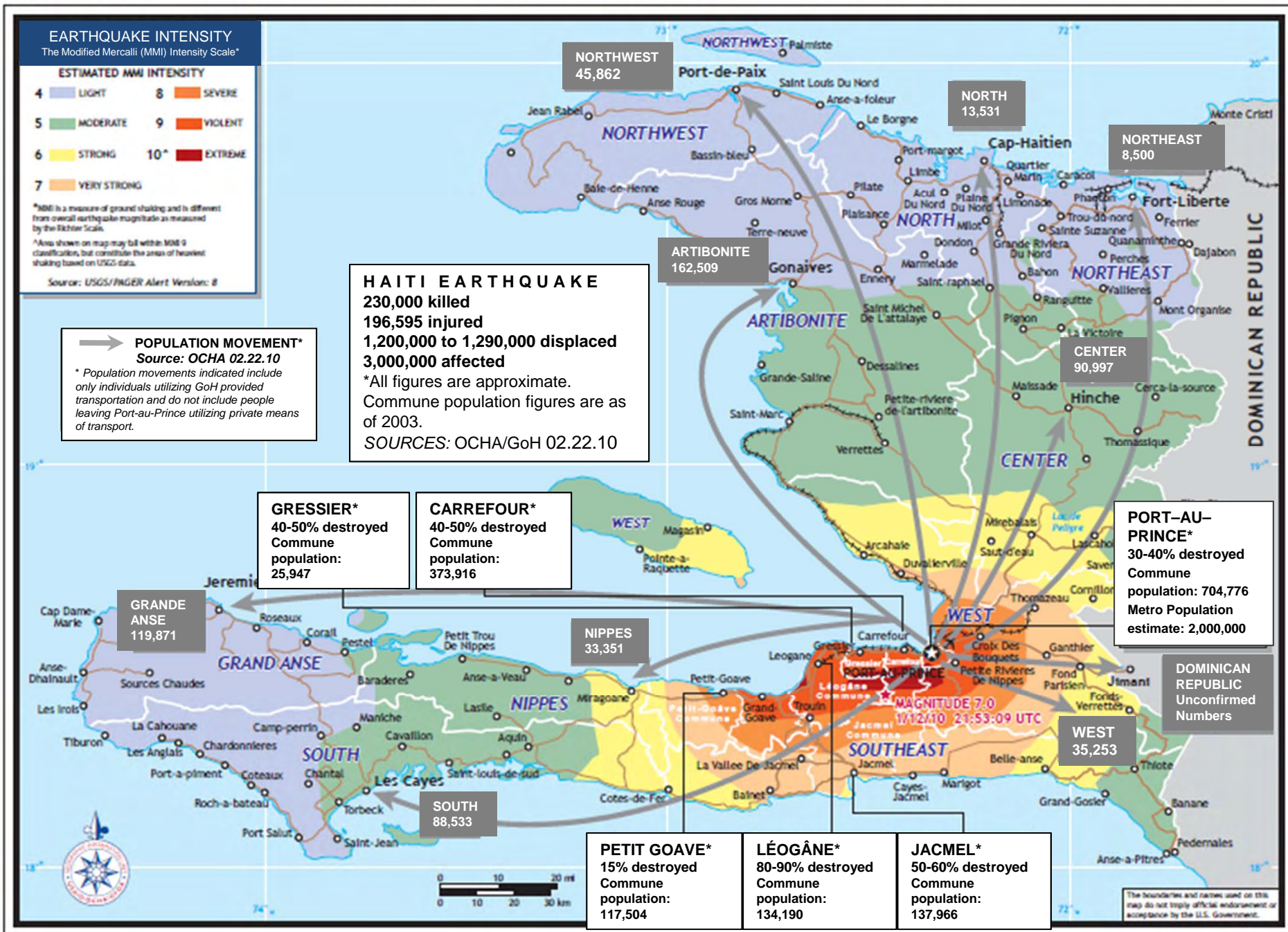
Commercial Flights Resume
From PaP



Deployment Timeline (March)



EARTHQUAKE-AFFECTED AREAS AND POPULATION MOVEMENT IN HAITI





Afloat Based Medical Support


Operation UNIFIED RESPONSE





Maritime Laydown

Operation UNIFIED RESPONSE

A map of the Caribbean Sea and surrounding landmasses, including Central America, the northern coast of South America, and the Gulf of Mexico. The map is overlaid with a grid. Three blue text boxes are positioned over the map, listing naval assets for Operation Unified Response.

VINSON (CVN)
USNS COMFORT (T-AH)
NORMANDY (CG)
BUNKER HILL (CG)
HIGGINS (DDG)
UNDERWOOD (FFG)

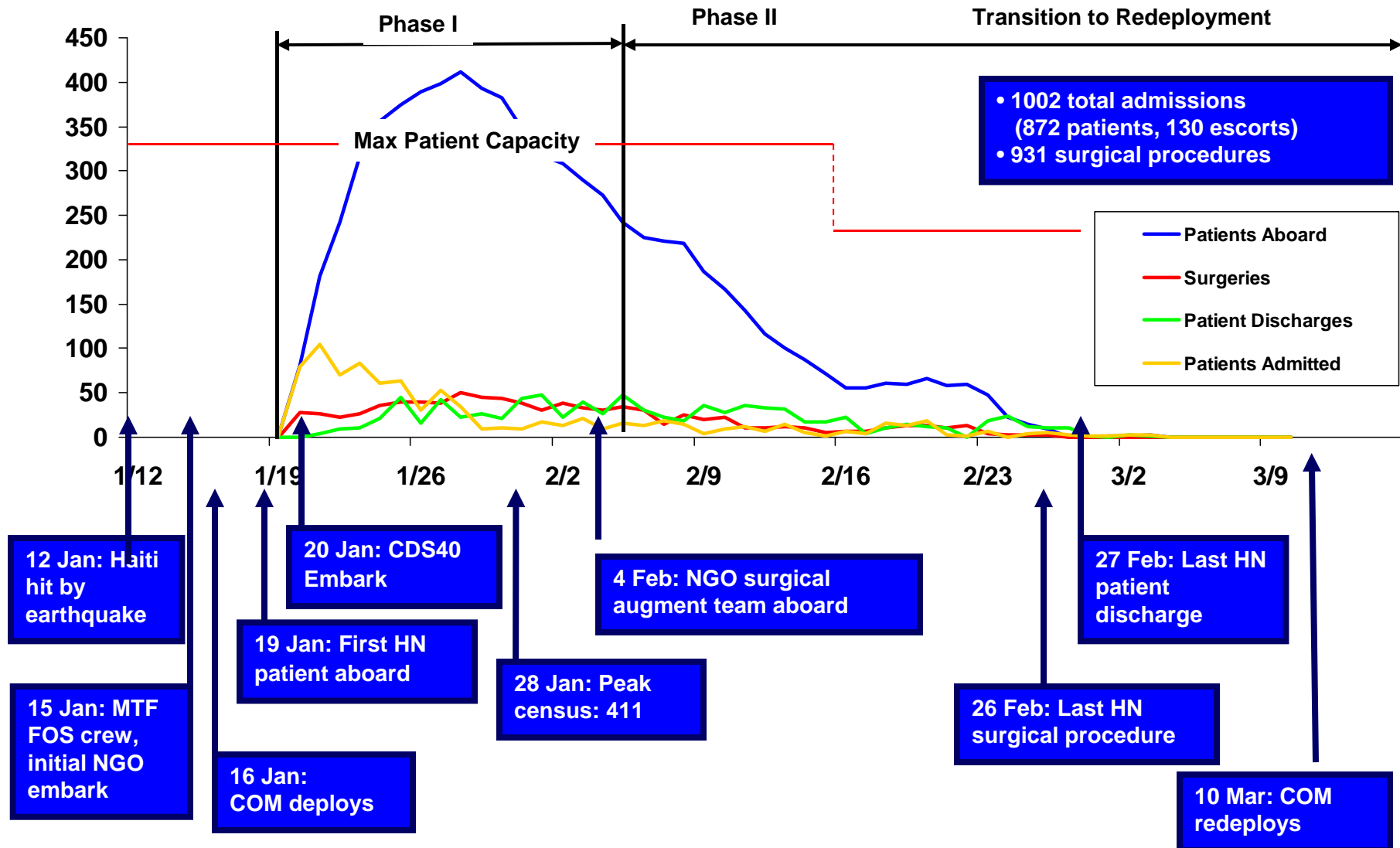
NASSAU ARG with 24 MEU:
NASSAU (LHD)
MESA VERDE (LPD)
ASHLAND (LSD)

BATAAN ARG with 22
MEU:
BATAAN (LHD)
FORT MCHENRY (LSD)
CARTER HALL (LSD)
GUNSTON HALL (LSD)



COMFORT Timeline

Operation UNIFIED RESPONSE











Land Based Medical Support

Operation UNIFIED RESPONSE



JTF-H MEDICAL COP

Phase I: o/a 20JAN – 051300RFEB10

-  - BCT/BN HQ
-  - Distribution Hubs
-  Haitian Hosp
-  Hosp
-  Embassy
-  LEVEL II

2-325 AIR
YF 7984 5319
Tailgate MED
68Ws x 33 each

Colombian MED Tm
Mexican Surgical Tm

FST/Colombian
Surg/Mexican
Surg
YF76485115

EMEDS
YF80565512

BLACK LV I
Tailgate
YF82755483
68Ws x 17 each

1-73 CAV LV I
YF84005173
68Ws x 23 each

YF 8617 5832

FDPMU YF8298 5750

MAF/SPEARR/AE
LT/AFSOC SOST(-)
YF85175605

1-325 AIR
YF 86175832
68Ws x 34 each

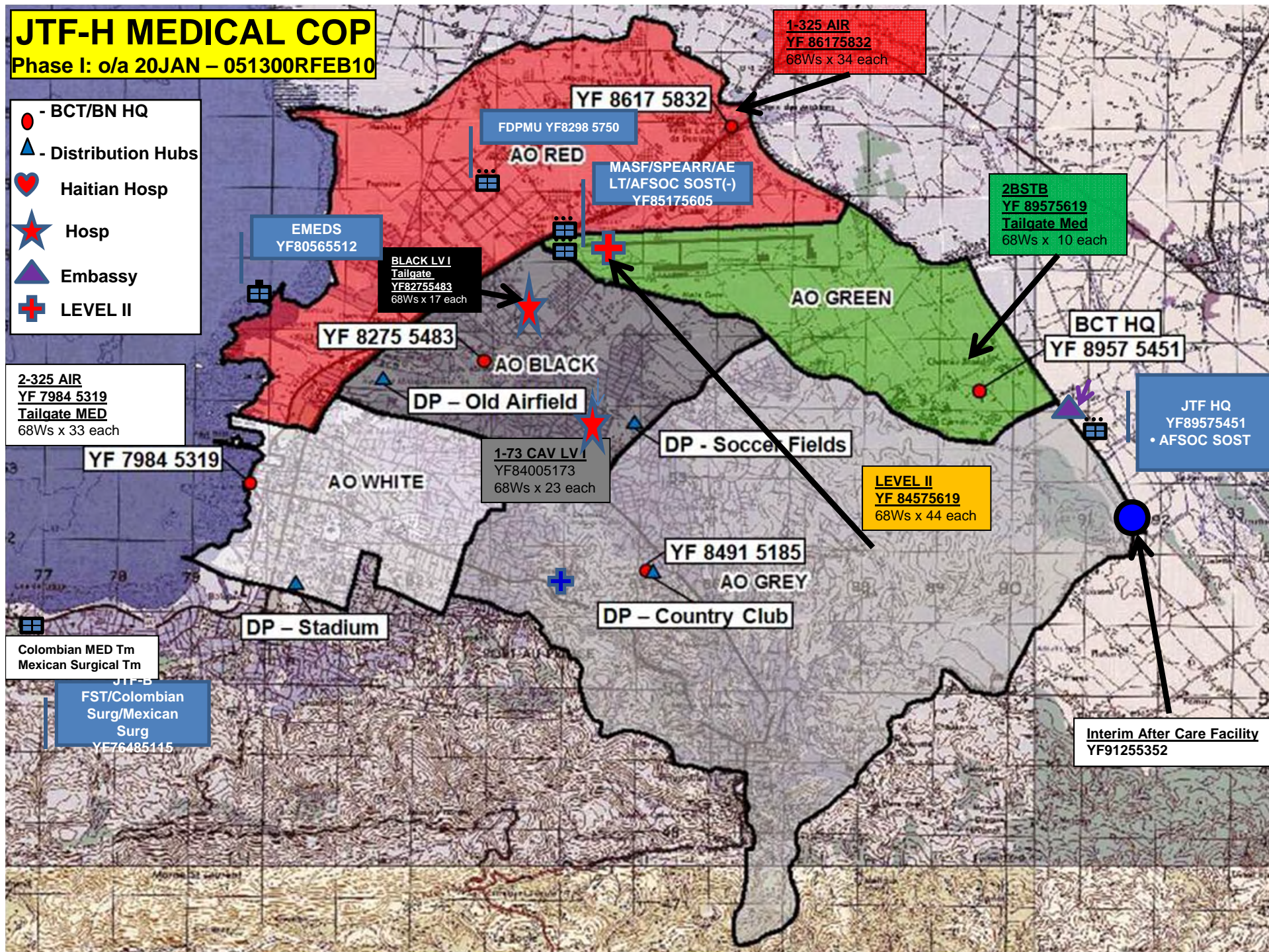
2BSTB
YF 89575619
Tailgate Med
68Ws x 10 each

BCT HQ
YF 8957 5451

JTF HQ
YF89575451
• AFSOC SOST

LEVEL II
YF 84575619
68Ws x 44 each

Interim After Care Facility
YF91255352





EMEDS Response

Operation UNIFIED RESPONSE

- Served as “Gate keeper”
- 10+ beds and 1 OR
- 300 patients and 200 escorts moved
- 125 inpatients rec’vd care



- 12 day trips
- Assisted 3 NGO’s
- 1500 patients seen
- 4 tons medical supplies



Medical Logistics Support

Operation UNIFIED RESPONSE

Support to PROMESS Warehouse

- **Logistics Advisory Team**
- **Re-organized warehouse**
- **Provided inventory mgmt**
- **Teams at port to organize donations**
- **Forklift support**





Patient Movement Missions

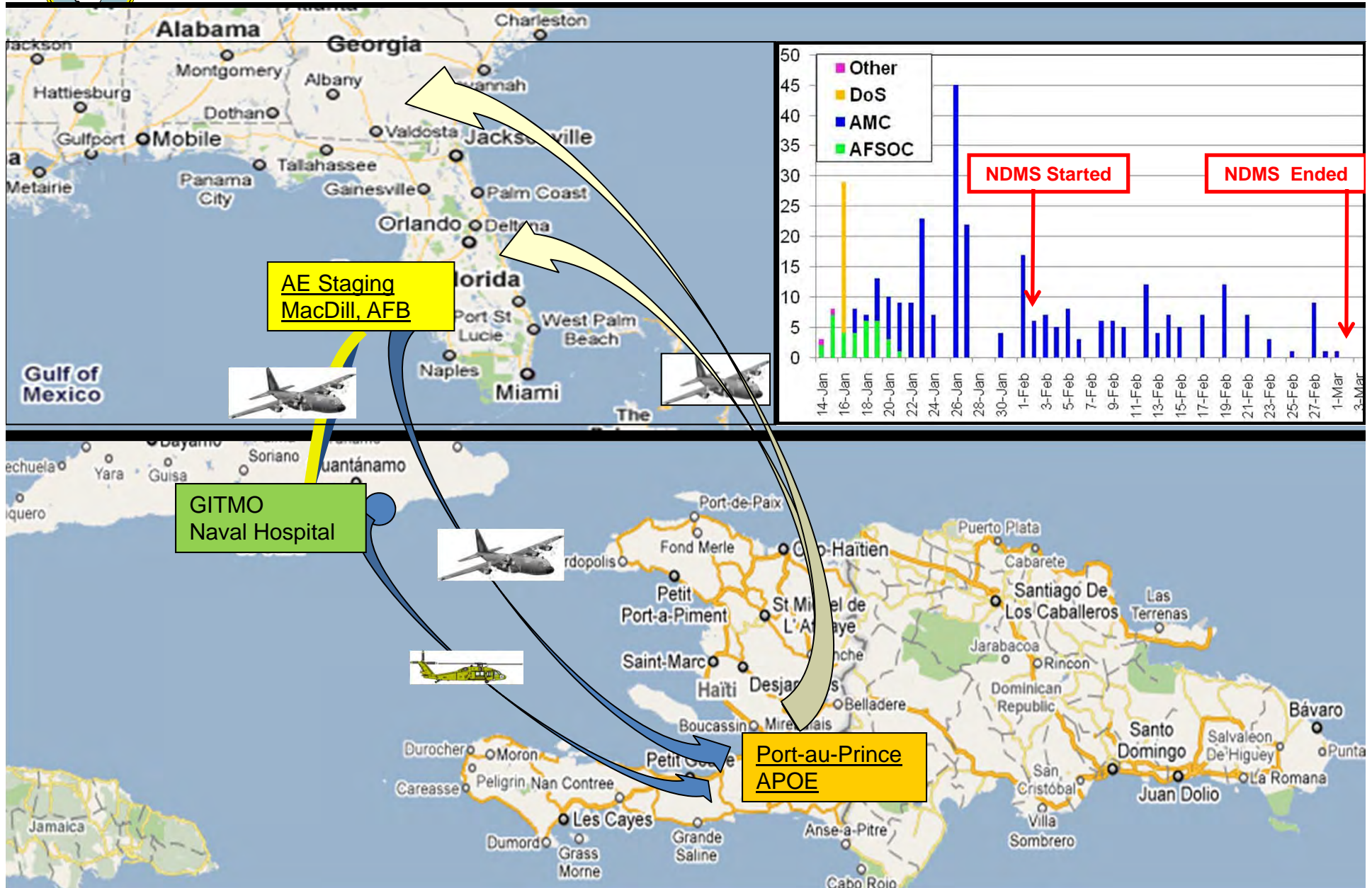
Operation UNIFIED RESPONSE

- **Ground ambulance**
- **Rotary wing medevac**
- **Small boat medevac**
- **Evac to GTMO and CONUS**



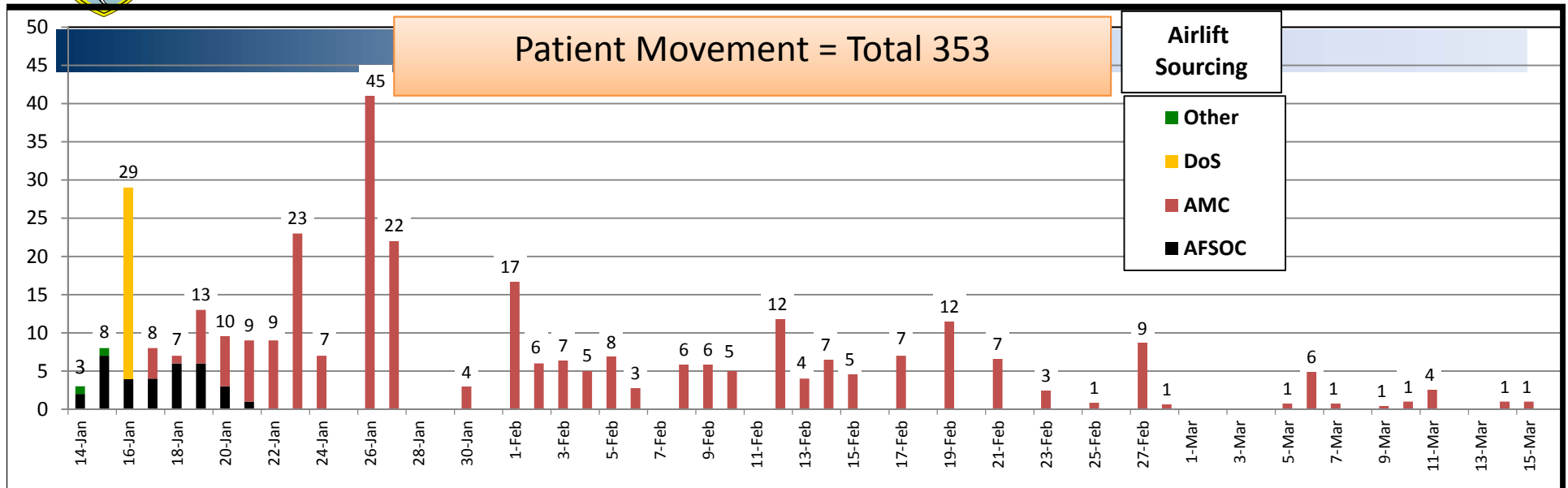


Patient Movement – CONUS

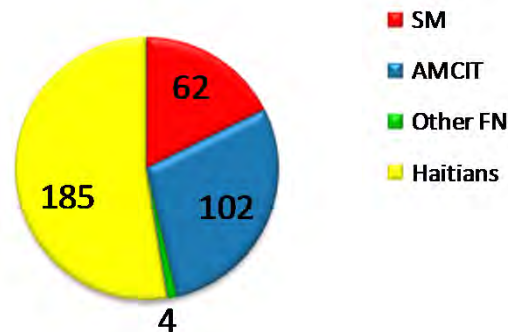




Contingency PM Report



Patient Movement Breakout

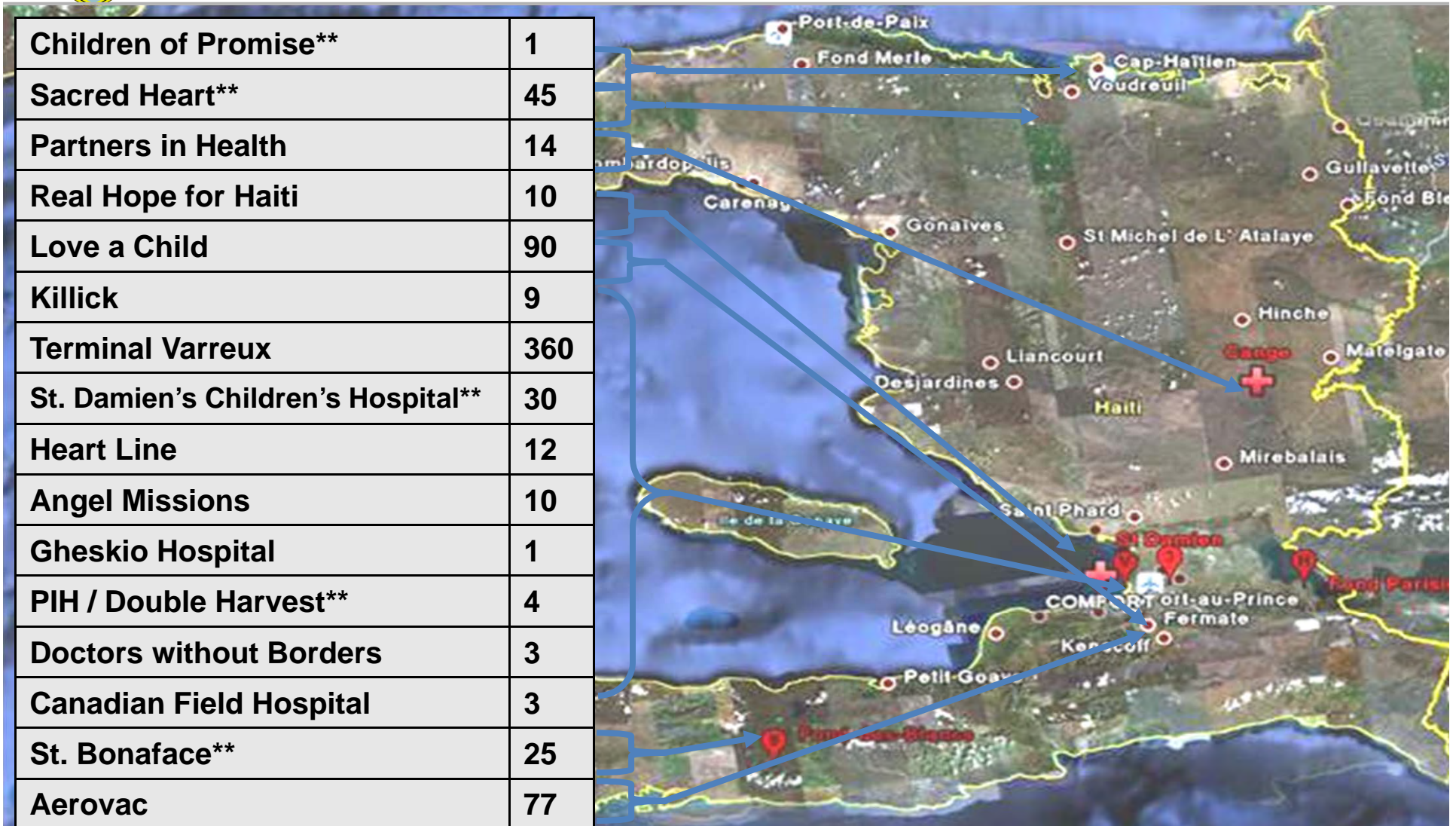


- ISSUES:**
1. Supporting DoD Haiti Patient Movement Requirements
 2. Supporting DoD Chilean Patient Movement Requirements

A/O 1200Z14APR10



Patient Outflow – within Haiti



GoH / UN approved shore-based medical network provided placement of COMFORT patients for post-operative care



International Response

Operation UNIFIED RESPONSE

Medical Forces Afloat

- *SPS CASTILLA*
- *ITN CAVOUR*
- *FRS SIROCCO*
- *ARM HUASTECO*
- *ARM TARRASCO*
- *ARM PAPALOAPAN*
- *ARC BUENAVENTURA*
- *ARC CARTAGENA DE INDIAS*

Medical Forces Ashore

Canadian Field Hospital

China- Medical Rescue Team

Chile-Portable Hospitals

Japan- Medical team

Jordan - Field Hospital

Israel- Field Hospital

Spain- Medical Team



Russia- Mobile Hospital

Brazil- Field Hospital

Turkey- Field Hospital

France- Field Hospital

Venezuela- Medical Team

Cuba- Medical Team

Italy- Medical Team



AAR: What we did well

Operation UNIFIED RESPONSE

- **Interagency Coordination** - Pre-crisis professional relationships and routine interagency coordination proved to be essential during the response.
- **Collaboration and Synchronization (Strategic)** - The USSC SG daily TELECON provided vital situational awareness, identified critical issues, and assisted in assigning responsibility for actions.



AAR: What we did well

Operation UNIFIED RESPONSE

- **Collaboration and Synchronization (Operational)**
USAID sponsored daily USG health meetings to pass information from UN Health Cluster and prioritize USG medical response.
- **Operational Environmental Risk Surveillance.**
Forward Deployed Prev Med Unit (FDPMU) arrived early in deployment and was fully mission capable.



AAR: What Needed Improvement

Operation UNIFIED RESPONSE

- Delay in USG and DoD Policy Concerning Evacuation of Haitian and Foreign Nationals
- Delay in Activation of NDMS Definitive Care Component and Non-Activation of NDMS Patient Movement (PM) Component
- Delay in establishing Medical ROE



AAR: What Needed Improvement

Operation UNIFIED RESPONSE

- No designated medical rep on OFDA Disaster Assistance Response Team (DART)
- COMFORT not initially configured for FDR mission
- No Interagency Common Operating Picture
- JMEWS not used



Final Words of Wisdom

Operation UNIFIED RESPONSE

- Clearly define mission of DoD medical forces
- Maintain close coordination with OFDA
- Partner with NGO's and international community
- Collaborate, don't work in a vacuum
- Develop transition criteria and decision points



Unity of Effort At All Levels

Operation UNIFIED RESPONSE

